

# THE TECH

VOL. XXXII. NO. 81

BOSTON, MASS., SATURDAY, JANUARY 18, 1913

PRICE TWO CENTS

## CO-OPERATION WITH ENGLISH DEPARTMENT

Freshmen May Substitute Work On Paper for Part of English Course.

The English Department has recently decided to establish a special section in second term English for the Freshmen who are working on THE TECH. The subject of this co-operation with the paper has been broached a number of times previously but no action has been taken until this year. Harry Peck, one of the members of THE TECH Advisory Board, set before Professor Arlo Bates, in charge of the English Department, a proposition which, if accepted, would not only be of great assistance to THE TECH, but would also enable it to work in conjunction with that department. The idea suggested by Mr. Peck was to have the work on the Institute paper take the place of most of the regular English courses, but with the provision that all news written by the Freshmen is to be subject to criticism and correction by members of the instructing staff. The absence of any such provision in previous plans was one of the chief reasons for their rejection. The ruling of the English Department is as follows:

"The English Department has decided to establish next term a special section in first-year English (140), for men who are engaged in work on THE TECH. The section will be limited to twenty, and no student will be admitted who has received a mark below P in his first term's work. Fifteen out of thirty hours will be allowed for work on the paper, and all articles will, after publication, be gone over by the instructor for criticism. The amount of written work actually done must be not less than thirty-five hundred words, to be made up of copy printed by THE TECH, or of special articles submitted to the instructors. The department refuses to count anything which in workmanship or taste falls below a reasonable standard. Those who wish to join this section should notify the department before the close of the present term."

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## SOCIETY OF ARTS.

Mr. Underwood to Give Address On Mosquitoes Monday.

"Mosquitoes and Some Suggestions for Their Suppression" is the subject of the lecture to be given under the auspices of the Society of Arts in Huntington Hall, at 8 o'clock, Monday evening. The speaker will be Mr. W. Lyman Underwood, well known around the Institute as a special lecturer on Sanitary and Industrial Biology. His lecture next Monday will be of especial interest to students of Biology and Sanitary Science, but this being an open meeting of the Society of Arts, the general public is also invited.

Besides being known on account of his biological work, Mr. Underwood has an enviable reputation as a maker of fine lantern slides. They are all prepared from photographs which he took during his travels throughout the country, and a large number will be used to illustrate his address on mosquitoes. The coloring of many of the slides is said to be of unequalled beauty.

## PRESIDENT MACLAURIN OUTLINES IDEALS OF NEW TECHNOLOGY AT ALUMNI REUNION

He Announces to Enthusiastic Tech Alumni that Educational Buildings will be Completed in Fall of 1915, a half Century After Rogers was First Used.

Yesterday afternoon an unusually large number of the Institute Alumni gathered in the spacious Hotel Plaza, in New York City, to hear President MacLaurin's address. He was most enthusiastically received and applauded to the echo. The President's address doubly deserved this reception, for its subject was of the utmost interest to all the Alumni—the New Technology—its development up to the present time, and what will be done in the near future. The text of the address follows:

I welcome this opportunity of congratulating the Alumni Association on having arranged its annual meeting in New York. All Tech men are justly proud of their connection with Massachusetts, but we must not allow that pride to blind us to the fact that the Institute is national in its scope and influence, and, consequently, that any great centre of life and energy within the Union is as appropriate as Boston for a place to which to summon the Alumni for their annual gathering. Men come to the Institute in large numbers from every section of the Union, passing by institutions nearer their homes for reasons that seem to them good. The centre of the student population of Technology in the United States today is in the western part of the State of New York, near the borders of Pennsylvania. The corresponding centre of the students from outside of Massachusetts is at Toledo, Ohio, while the Alumni centre is in the western part of Maryland.

Alumni associations are springing up everywhere, from the Atlantic to the Pacific, and from the borders of Canada to those of Mexico. The largest, as might be expected, are those with their headquarters in Boston, New York and Chicago. I doubt whether the Alumni generally appreciate at its true value the solid achievements of the parent association in Boston. It has certainly set a very high standard for all the younger associations to live up to, for there seems to be no limit to the self-sacrifice of its members in their efforts to further the best interests of their Alma Mater.

New York is a seat of boundless possibilities, and, consequently, a magnet for the able and ambitious from all parts of the Union. Its Alumni Association is destined to play a great role in the development of Technology, for no one is placed in a position of greater strategic importance. It augurs well for the future of the Institute that the New York Association has shown so many signs of activity. Its record in establishing a clubhouse in this city and raising the membership to past the thousand mark is one to be proud of. What great things may reasonably be expected from the united efforts of those thousand men! As to Chicago, I need only say that no one has really

tasted life till he has had the pleasure of dining with the Northwestern Association of that great city. And no greater mistake could be made than to suppose that the great centres, New York, Boston and Chicago, monopolize the strength of the Alumni Association. There is a corresponding and indeed in some cases a relatively greater loyalty and enthusiasm in many small centres.

Here, then, is a fact of great significance for the future of Technology, the fact that its Alumni have banded themselves into local associations throughout the length and breadth of the land, and that all of them are striving to help their fellow Alumni and the great Alma Mater of them all. To bring all this energy together and to make it effective for helping Technology men everywhere is the greatest problem that the Alumni Association as a whole has to consider. I hope, as a result of your meeting here, something will be done towards a solution of this problem. If this be so this Reunion will mark an epoch in the history of Technology.

Apart from the outcome of the Reunion, I feel sure that this gathering cannot fail to be a success, for it can not but be a pleasure for Tech men to meet one another under the conditions that prevail today. The star of Tech is in the ascendent; at last she is coming into her own, and the hearts of all that love her are stirred by the possibilities of her future glories. Everywhere I find good will to Tech, and everywhere that good will is avowedly based on the recognition of the solid achievements of her Alumni. You and your successors are, or will be, the great assets of Technology, and on you more than any others will its future greatness depend.

While you are here you will expect to learn something of what is being done by way of developing plans for the physical well-being of the Institute in the future. For months I have been bombarded by the eager questions from Alumni and others: "When will building begin?" I regret the apparent indecision, but if we can not say quite definitely when we shall begin, I think we can say with some certainty that we shall end in the fall of 1915. When I say "end" I mean the buildings for which fundamental provision has already been made through the generosity of Mr. "Smith," namely, the strictly educational buildings, lecture rooms, laboratories, etc. It would be a great advantage to have the social buildings (the Walker Memorial, Commons, Gymnasium and Dormitories), finished at the same time, for we could then enter a completely equipped institution. This may not be practicable as the necessary money has not yet been forthcoming, but in any case,

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## PROSPECTS FOR NEW YORK TRIP PROMISING

Show Has Made Preparations For Extensive Publicity During Reunion.

As this is the time of the Alumni Reunion, Tech Show, 1913, is doing the most it can to persuade the hundreds of Institute men who are thus brought together to do all in their power to make a performance of this year's Show a possibility in New York City. It has been the ambition of the Show management for the last two or three years to give such a performance, but so far it has not seemed possible to do so. The Reunion presents a simple way in which to reach the Alumni, so that tentative preparations for the performance in the Hotel Astor on April 19, 1913, have been progressing for the last six weeks.

The possibility of such a production was first brought to the attention of the New York Alumni Association by R. W. Weeks, General Manager, on the 12th of last November. The Association seemed to be enthusiastic about the project and appointed a committee to look after the Show's local interests. The members of the committee are K. Spalding, '89, chairman; J. P. B. Fiske, '89; W. H. Martin, '11, and H. A. Stump, '10. These men have met several times and have apportioned the work among themselves. From this time on one man will handle the Alumni, another will secure the list of patronesses, the third will attend to the advertising in New York papers, on billboards and in the Subway, and a fourth will

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## BASKETBALL TEAMS.

The Sophomore basketball team will play the fast Bridgewater Normal School tonight, at the Bridgewater Normal gymnasium. The team is to leave the South Station on the 5.30 train, and expects to make their opponents put up an exceedingly fast game in order to be in the running at all. There has been decided improvement among some of the members of the team, and these men should show up even better than they did in the game with St. John's Prep School. After the game tonight there will be no games or practice held until next term.

A short practice game was held with the Freshman team yesterday afternoon at the Gym, and considerable speed was shown by both teams. After about seven minutes of play the Sophomores were in the lead by a safe margin although the Freshmen were pushing them hard. Scully and Morse of the Sophomore team, and Merritt of the Freshman team, showed up best.

## WEATHER.

Forecast for Boston and vicinity: Clear and colder; brisk to high south to west winds.

## CALENDAR.

Saturday, January 18, 1913.  
8.00—1913 Basketball at Bridgewater.

8.00—Wrestling Team—Marblehead.  
Alumni Meeting—New York.

Monday, January 20, 1913.  
8.00—Society of Arts Lecture—Huntington Hall.

# THE TECH

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

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6:30 to 6:00 P. M. Daily, Except Saturday.

Office, 42 Trinity Place.  
Night Phone—Back Bay 5527.  
Phone—Back Bay 5527 or 2180.

Subscriptions within the Boston Postage District and outside of the United States must be accompanied by postage at the rate of one cent a copy.  
Subscriptions, \$2.00 per year, in advance.  
Single copies, 2 cents.

SATURDAY, JANUARY 18, 1913

The splendid gathering of Alumni which is now meeting in New York is another indication of the love and enduring affection which is never lost in the hearts of Technology men.

It is a meeting which only proves a little more forcibly the fact that we are in reality all students, some undergraduate and some graduate, but all with much the same relationship toward the matters of science, and with the same relationship toward dear old Technology, which gave us the original impulse.

The Alumni are gathered together for retrospection and a renewal of this original impulse which they will receive in double amount, and by this meeting they are not only giving themselves a great impetus which will mean much in the carrying out of greater works, but which will set fire to the ready tinder in the hearts of the younger men who will find themselves in a like position in due course of time.

May we always give our best efforts to Technology, whose field of activity is the entire world.

## 1914 PIPES.

All men who have ordered army pipes, small, large, bent and half-bent, from the 1914 Pipe Committee may obtain them this noon in the Union, from 12 to 1:15 o'clock, by paying up.

The poker pipes have not yet been received by the committee, as they are still in the hands of the makers, Erlich & Kopf. They will probably be ready for delivery Monday noon in the Union. The army pipes would have been ready yesterday but the makers insisted that they should not leave the shop until they had been repolished and put into the best possible condition.

## TECH SHOW TRIP.

(Continued from Page 1.)

have entire charge of the ticket sales.

As the first means of bringing the idea to the attention of the Institute Alumni in general, it was determined to advertise as extensively as possible at the time of the Reunion.

The effects of this intention are evident to all those who are present at the Reunion. The two frames of pictures of past Shows which are on exhibition at the Hotel Plaza, the Reunion Headquarters, and at the Technology Club in Gramercy Park, were sent from the Union to New York about two weeks ago. Besides 200 programs and 50 posters of Tech Show,

## WRESTLING TEAM GOES TO MARBLEHEAD

Last Meet Before Mid-Year—  
Two Freshmen Will Wrestle.

Tonight the fast Tech wrestling team goes to Marblehead to meet the V. M. C. A. team of that town. The Marblehead team is a new organization and not much is known about them, but Edward Anderson, the former middleweight champion, is their coach, and under his guidance they ought to develop some pretty good material. The Tech team has shown such good form in their previous meets, as well as in practice, and they ought to get away with a majority of the bouts. Sayer, the fast little Freshman, who won his bout at Salem in the remarkable time of 45 seconds, is going into the 115-pound class. Means is still unable to wrestle in the 125-pound class, and Loo, the 117-pound wrestler from China, is going to wrestle in his place. This is Loo's first bout in public, and judging from the way he has shown up in practice he ought to stand a pretty good chance of winning the bout.

Kelly, the western champion of his weight, is going into the 135-pound class. "Doc" Smyth-Martin is also going to wrestle at 135 pounds. Alexander, who won his bout on a decision at Salem, is going to wrestle in the 145-pound class, and Captain Treat will wrestle at 158 pounds. The Tech team is fortunate in securing the services of "Cracker-jack" Butler as a coach. He will accompany his new charges to Marblehead tonight and get a line on the work they are doing. The train leaves the North Station at 5:55 P. M., on the Portland division.

## CONCERT AT WOBURN.

Show Orchestra Gives Very Successful Musicale.

Last night a concert was given by the Tech Show Orchestra at the Lyceum Hall in Woburn. The program was as follows:

1. March—"Through War to Victory." 2, Vocal Quartette. 3, "Norwegian Dance." 4, reader, H. G. Mann, '16. 5, "Song of the Soul." Intermission. 6, March from "Suite." 7, Vocal Quartette. 8, "Venetian Love Song." 9, violin solo (a) Obertass, (b) Koboldantz, Mr. Eckman. 10, "Oh, Promise Me," V. M. F. Tallman, '14, soloist. 11, "Waves of the Danube." Encores, Quaker Girl, Diplomat.

The concert began promptly at 8 P. M. and continued for about two hours. The performance was witnessed by a large audience which seemed well pleased with the rendition of the music. The program was practically the same as the one given at Lowell, with the addition of a few new numbers.

Mr. Eckman, who took the place of Mr. Osborne McCarthy as conductor, proved to be very efficient and helped to make the concert a most successful affair. Credit is due, in a great measure, to Mr. Eckman for his violin solos, and to the quartette and H. G. Mann, '16.

The proceeds are to be devoted to the X-Ray fund of the Charles Choate Memorial Hospital of Woburn, under the auspices of which the performance was conducted.

1912, "Castles in Spain," are on exhibition at every vantage point, and 1200 handbills have been printed and are even now in the hands of the Alumni. The management of the Show and its representatives in New York feel confident that these efforts cannot fail to attract the attention of all the Institute men in New York, and in this way arouse considerable enthusiasm for such a performance.

(Continued to Page 3, Col. 2.)

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**PRESIDENT'S SPEECH.**

(Continued from Page 1.)  
we expect to have the educational buildings ready for occupancy in the fall of 1915, and to occupy them just fifty years after the first occupation of the original educational building, now known as Rogers.

The plans for the various buildings are so comprehensive that it would take many men to describe them, and more time than each could properly have at his disposal on an occasion like this. We have a glorious site and magnificent opportunities, but our task of design is not made more easy by the great expectations of Boston and the unbounded confidence in Technology on the part of Mr. "Smith." He believes that we are bound to get the right solution, and he therefore imposes a heavy load of responsibility on us all.

At any rate, we shall not fail for lack of thoroughness in the mode of attack. We want beautiful buildings, beautiful in their simplicity and in their appropriateness to the great practical ends for which they are designed. At the same time we want buildings that are as efficient for educational purposes as are the best factories and mills for their purposes. Is it possible in this way to combine beauty and utility? I do not see why not, although, of course, the problem is no easy one. We are warned that the architects are more likely to give us beauty than utility, and many horrible examples of inefficient buildings are placed before us for our edification.

I believe, however, that the implied criticism of the architect is, in many cases, entirely unjust. In many cases the client does not really know what he wants, or he does not study his own needs with sufficient care or

present them with sufficient clearness for the architect to fully understand them. We have gone through a long process of self-education as to our own needs. Our first step was to invite the various departments of the Institute to set forth in business-like form what was needed to satisfy their requirements. No opinion could command greater respect than the opinion of those who know by experience the merits and defects of the existing equipment and the means that have been employed by other institutions to solve similar problems elsewhere.

The Faculty reports must form the basis of our new buildings, and a committee of the Corporation has been employed for months in considering the details of the suggestions made in these reports. Another step was to collect, in a systematic way, information with regard to other institutions. Here we had the great advantage of Mr. Freeman's co-operation, and we cannot easily overestimate the great obligation under which he has placed the Institute by self-sacrificing devotion to the solution of our problems. Under his directions visitors were sent to all the institutions of importance in the country to collect information, and at the same time there is scarcely an educational institution in Europe about whose buildings many important facts were not obtained. The obvious danger of this process is that we may become overwhelmed with the mass of accumulated facts, but I feel that we have been freed from this danger by having placed the whole matter in Mr. Freeman's hands. He is a master of detail and an expert in the sifting of evidence, and he has presented the results of the elaborate investigations that have been made in so clear a form that no architect worthy of the name can fail to derive great benefit from the studies that have been made.

We feel that by this time we are ready to place the load on the architect's shoulders. Great is his opportunity and great his responsibility. In one sense he is foredoomed to failure, for he must fail to satisfy you all. Some will expect a practical solution of our problem and some picturesque; some will look for Gothic architecture and some for factory construction, and so on, almost without end.

**WIRELESS SOCIETY  
MEETING YESTERDAY**

New Government Examinations Explained to Members Present.

Yesterday afternoon the Wireless Society held a monthly meeting in Room 11, Eng. B. After the minutes had been read President Affel gave the members an idea concerning the examinations for amateur wireless operators which are being held at the Charlestown Navy Yard. He said that the greatest stress is laid upon a clear understanding of the principles and operation of simple transmitting and receiving sets, and that the candidates are expected to be familiar with a code of wireless laws known as the Berlin Conference. Mr. Richmond also gave his recollections of the examination and mentioned the requirements for commercial operators. Mr. Affel then explained a form of receiving circuit which was discussed by Dr. G. W. Pierce at the last meeting of the New England Wireless Society at Harvard a short time ago. All the members were urged to be present at the next meeting of that society, which will be held February 1st, in the Walker Building, at 8 o'clock. Dr. Fessenden, a well known wireless expert and inventor, is to speak, and a very instructive meeting is expected. All members of the local society are eligible to membership in the New England society.

A consideration concerning membership on the Institute Committee was then taken up, and it was unanimously voted to petition that body for representation in their number.

The meeting then adjourned until after the mid-year holidays.

**SHOW TRIP**

(Continued from Page 2.)

In order to reach the men while they are still enthusiastic on the subject, the management is going to write letters enclosing return postal cards to each of the 1100 of the New York Alumni inquiring to what extent each man personally will support the performance on April 19th. It is necessary for a successful termination of this campaign that as many men as possible return these postals, and that all replies be in by the first of February, so that no more time may be lost in coming to a definite decision. If these replies indicate a sufficient support to make the trip a financial success, "Money in Sight," this year's Show, will be given in the Hotel Astor, and April 19th will be New York City's NEXT BIG DATE.

**NEW ENGLISH COURSE.**

(Continued from Page 1.)

There are several things that THE TECH offers to those who are writing for it. Among them is the economy of time and the ability to write clearly and fluently, and at short notice, on a great variety of subjects. The night work on the paper teaches a man to use his time to the best advantage. There he has to write a number of articles which must be in at a certain time. Knowing this he endeavors to use every minute of his time wisely, a practice that in later life is going to be a great asset to him.

In writing articles the men get practical experience in learning how to express their thoughts in a clear and concise manner, which will be invaluable to them in making out statements and reports in their work after they leave the Institute. This is much more important than many men realize, and the more real working knowledge they have of English the better will they be to serve themselves and the community during later years. Moreover, the Freshmen will have the advantages of instruction in this class of work since the Department of English has decided to work side by side with THE TECH. It is hoped that by this action a larger number of Freshmen than at present will come out for the paper and take advantage of the opportunities offered them.

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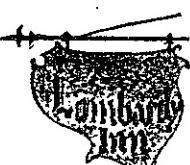
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## FACULTY NOTICE.

## Section I. Chemistry.

Recitation transferred from Room 2, Rogers Building, to Room 24, Walker Building, on Tuesday, at 9 o'clock.

WALTER HUMPHREYS,  
Registrar.

A Dartmouth football expert has suggested a change in the football rules. The change is relative to the goal from a touchdown.

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